

U.S. Environmental Protection Agency
Office of Prevention, Pesticides and Toxic Substances
Office of Pollution Prevention and Toxics
Information Management Division

SHAWN RAJABI, ECR
ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

02/20/98

TRI ID #: 98134-LSKNC-32006
Reporting Year: 1995

TOXIC RELEASE INVENTORY (TRI)

RELEASE VALUE REPORT

The attached reports list the chemical identities and corresponding release values for your Form R reports.

It has come to the Environmental Protection Agency's (EPA's) attention that, in some cases, the Reporting Year 1996 Automated Form R (AFR) for Windows has caused the omission or misrepresentation of Receiving Stream, POTW/Off-Site and/or On-Site Waste Treatment data.

Therefore, it is important that you take extra time to check the Section 5.3, Section 6.1, Section 6.2 and Section 7A, Column D information in the attached Release Value Report (RVR) against your own Form R records.

If the data on the attachment do not match the information on the Forms R you submitted, please let EPA know as soon as possible by following these instructions:

On the attached report, fill in missing data or mark through any erroneous value and write the correct value next to it.

Return the corrected report within 21 days of receipt to both EPA and to the same State organization to which you sent a copy of the original submission.

o EPA Address

The EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
Attn: TRI RVR

If you're sending by overnight delivery, return the corrected report to:

The EPCRA Reporting Center
c/o Computer Based Systems, Inc.
Suite 300
4600 North Fairfax Drive
Arlington, VA 22203
Attn: TRI RVR

o State Address

IDELL HANSEN
DEPARTMENT OF ECOLOGY
COMMUNITY RIGHT-TO-KNOW UNIT
P.O. BOX 47659
OLYMPIA, WA 98504-7659

EPA recommends that Government-Owned Contractor Operated (GOCO) facilities send copies of their corrections to their associated Federal Facilities.

If you do not find any errors in the report, no further action is required.

If you have any questions about this, please call the Automated Form R User Support Hotline at (703) 816-4434. Thank you for your cooperation in this matter.

/s/ Janette Petersen, Chief
Toxic Release Inventory Information
Management Branch (7407)

Enclosure (s)

LASKAN COPPER WORKS
200 6TH AVE. S.
SEATTLE, WA 98134

RELEASE VALUE REPORT

DOCUMENT CONTROL NBR. CHEMICAL NAME CAS NUMBER
3-95-09048907-9-WA NITRIC ACID 007697-37-2

	Environmental Medium	A.Total Release	B.Basis of Est.	C.%From Stormwater
5.1	Fugitive or non-point air emissions	5	0	
5.2	Stack or point air emissions	NA		
5.3	Discharges to receiving streams/water bodies			
	Stream or Water Body Name			
5.3.1	NA			.00
5.4	Underground Injections	NA		
5.5.1	Releases to landfill	NA		
5.5.2	Land treatment/application farming	NA		
5.5.3	Surface impoundment	NA		
5.5.4	Other land disposal	NA		

6.1 Discharges to Publicly Owned Treatment Works(POTW)
A.Total Transfers: 0 B.Basis of Est. M

6.1.B.1 POTW Name: METRO
Street Address: 821 SECOND AVE.
City: SEATTLE County: KING
State: WA ZIP: 98104

6.1.B.2 POTW Name:
Street Address:
City: County:
State: ZIP:

6.2 Transfers to Other Off-site Locations

6.2 Off-site EPA Identification Number (RCRA ID. No.): WAD020257945
Offsite Location Name: BURLINGTON ENVIRONMENTAL INC.
Street Address: 1701 ALEXANDER
City: TACOMA County: PIERCE
State: WA ZIP: 98421

Is Location under control of reporting Facility or parent co.? N

1) A.Transfers: 4,425 B.Basis of Est: M C.Treatment Type: M40

7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

	a.General Waste Stream	b.Waste Treatment Method(s) Sequence	c.Range of Influent Concent.	d.Efficiency Estimate	e.Based on Operating Data?
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7A.1	W	1.C01 2.C09 3.C11	1	100.00	YES
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7B. ON-SITE ENERGY RECOVERY PROCESSES
1.NA

7C. ON-SITE RECYCLING PROCESSES
1.NA

8.1.A	Quantity released	5
8.1.B	Quantity released	5
8.1.C	Quantity released	5
8.1.D	Quantity released	5
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	11,400
8.6.B	Quantity treated on-site	18,600
8.6.C	Quantity treated on-site	12,000
8.6.D	Quantity treated on-site	12,000
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	4,425
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	2.31

Environmental Medium

A.Total
ReleaseB.Basis
of Est. C.%From
Stormwtr

Environmental Medium	A.Total Release	B.Basis of Est.	C.%From Stormwtr
5.1 Fugitive or non-point air emissions	15	0	
5.2 Stack or point air emissions	NA		
5.3 Discharges to receiving streams/water bodies Stream or Water Body Name			
5.3.1 NA			.00
5.4 Underground Injections	NA		
5.5.1 Releases to landfill	NA		
5.5.2 Land treatment/application farming	NA		
5.5.3 Surface impoundment	NA		
5.5.4 Other land disposal	NA		

6.1 Discharges to Publicly Owned Treatment Works(POTW)
A.Total Transfers: 1 - 10 B.Basis of Est. M

6.1.B.1 POTW Name: METRO
Street Address: 821 SECOND AVE.
City: SEATTLE County: KING
State: WA ZIP: 98104

6.2 Transfers to Other Off-site Locations

6.2 Off-site EPA Identification Number (RCRA ID. No.): AZD980735500
Offsite Location Name: WORLD RESOURCES COMPSNY
Street Address: 8113 WEST SHERMAN
City: PHOENIX County: MARICOPA
State: AZ ZIP: 85043
Is Location under control of reporting Facility or parent co.? N
1) A.Transfers: 9,457 B.Basis of Est: M C.Treatment Type: M24

6.2 Off-site EPA Identification Number (RCRA ID. No.): WAD991281767
Offsite Location Name: BURLINGTON ENVIRONMENTAL - KNT
Street Address: 20245 77TH AVE. SOUTH
City: KENT County: KING
State: WA ZIP: 98032
Is Location under control of reporting Facility or parent co.? N
1) A.Transfers: 305 B.Basis of Est: M C.Treatment Type: M40

7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

a.General Waste Stream	b.Waste Treatment Method(s) Sequence	c.Range of Influent Concent.	d.Efficiency Estimate	e.Based on Operating Data?
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7A.1 NA 0.00

7B. ON-SITE ENERGY RECOVERY PROCESSES
1.NA

7C. ON-SITE RECYCLING PROCESSES

1.NA

8.1.A	Quantity released	15
8.1.B	Quantity released	15
8.1.C	Quantity released	10
8.1.D	Quantity released	10
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	6,746
8.5.B	Quantity recycled off-site	9,762
8.5.C	Quantity recycled off-site	6,900
8.5.D	Quantity recycled off-site	6,900
8.6.A	Quantity treated on-site	0
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	305
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	2.31

Environmental Medium		A.Total Release	B.Basis of Est.	C.%From Stormwtr
5.1	Fugitive or non-point air emissions	5	0	
5.2	Stack or point air emissions	NA		
5.3	Discharges to receiving streams/water bodies			
	Stream or Water Body Name			
5.3.1	NA			.00
5.4	Underground Injections	NA		
5.5.1	Releases to landfill	NA		
5.5.2	Land treatment/application farming	NA		
5.5.3	Surface impoundment	NA		
5.5.4	Other land disposal	NA		

6.1 Discharges to Publicly Owned Treatment Works(POTW)
A.Total Transfers: 1 - 10 B.Basis of Est. M

6.1.B.1 POTW Name: METRO
Street Address: 821 SECOND AVE.
City: SEATTLE County: KING
State: WA ZIP: 98104

6.2 Transfers to Other Off-site Locations

6.2 Off-site EPA Identification Number (RCRA ID. No.): AZD980735500
Offsite Location Name: WORLD RESOURCES CO.
Street Address: 8113 WEST SHERMAN
City: PHOENIX County: MARICOPA
State: AZ ZIP: 85043

Is Location under control of reporting Facility or parent co.? N
1) A.Transfers: 7,666 B.Basis of Est: M C.Treatment Type: M24

6.2 Off-site EPA Identification Number (RCRA ID. No.): WAD991281767
Offsite Location Name: BURLINGTON ENVIRONMENTAL - KNT
Street Address: 20245 77TH AVE. SOUTH
City: KENT County: KING
State: WA ZIP: 98032

Is Location under control of reporting Facility or parent co.? N
1) A.Transfers: 11 - 499 B.Basis of Est: M C.Treatment Type: M40

7A. ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY

a.General Waste Stream	b.Waste Treatment Method(s) Sequence	c.Range of Influent Concent.	d.Efficiency Estimate	e.Based on Operating Data?
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7A.1 NA 0.00

7B. ON-SITE ENERGY RECOVERY PROCESSES
1.NA

7C. ON-SITE RECYCLING PROCESSES

1.NA

8.1.A	Quantity released	5
8.1.B	Quantity released	5
8.1.C	Quantity released	5
8.1.D	Quantity released	5
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	5,839
8.5.B	Quantity recycled off-site	7,666
8.5.C	Quantity recycled off-site	8,000
8.5.D	Quantity recycled off-site	8,000
8.6.A	Quantity treated on-site	0
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	499
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	2.31

Environmental Medium		A.Total Release	B.Basis of Est.	C.%From Stormwtr
5.1	Fugitive or non-point air emissions	5	0	
5.2	Stack or point air emissions	NA		
5.3	Discharges to receiving streams/water bodies			
	Stream or Water Body Name			
5.3.1	NA			.00
5.4	Underground Injections	NA		
5.5.1	Releases to landfill	NA		
5.5.2	Land treatment/application farming	NA		
5.5.3	Surface impoundment	NA		
5.5.4	Other land disposal	NA		
6.1	Discharges to Publicly Owned Treatment Works(POTW)			
	A.Total Transfers: NA		B.Basis of Est.	
6.1.B.1	POTW Name: NA			
	Street Address:			
	City:		County:	
	State:		ZIP:	
6.2	Transfers to Other Off-site Locations			
6.2	Off-site EPA Identification Number (RCRA ID. No.): AZD980735500			
	Offsite Location Name: WORLD RESOURCES CO.			
	Street Address: 8113 WEST SHERMAN ST.			
	City: PHOENIX		County: MARICOPA	
	State: AZ		ZIP: 85043	
	Is Location under control of reporting Facility or parent co.?		N	
1)	A.Transfers: 500 - 999		B.Basis of Est: M	C.Treatment Type: M24
7A.	ON-SITE WASTE TREATMENT METHODS AND EFFICIENCY			
	a.General Waste Stream	b.Waste Treatment Method(s) Sequence	c.Range of Influent Concent.	d.Efficiency Estimate
				e.Based on Operating Data?
7A.1	NA			0.00
7B.	ON-SITE ENERGY RECOVERY PROCESSES			
	1.NA			
7C.	ON-SITE RECYCLING PROCESSES			
	1.NA			
8.1.A	Quantity released			5
8.1.B	Quantity released			5
8.1.C	Quantity released			5
8.1.D	Quantity released			5
8.2.A	Quantity used for energy recovery on-site			0
8.2.B	Quantity used for energy recovery on-site			0

8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	49
8.5.B	Quantity recycled off-site	781
8.5.C	Quantity recycled off-site	900
8.5.D	Quantity recycled off-site	900
8.6.A	Quantity treated on-site	0
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	2.31

U.S. Environmental Protection Agency
Office of Prevention, Pesticides and Toxic Substances
Office of Pollution Prevention and Toxics
Information Management Division

FACILITY TRI SUBMISSION SUMMARY FOR REPORTING YEAR 1995 02/20/98

TRI-FACILITY-ID : 98134-LSKNC-32006

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

DOCUMENT CONTROL NUMBER	CAS NUMBER OR CATEGORY CODE	CHEMICAL NAME	POST DATE ORIGINAL	POST DATE REVISION
1395090489081WA	N090	CHROMIUM COMPOUNDS	07/02/96	09/16/97
1395090489105WA	N450	MANGANESE COMPOUNDS	09/16/97	09/16/97
1395090489093WA	N495	NICKEL COMPOUNDS	07/02/96	09/16/97
1395090489079WA	007697372	NITRIC ACID	07/02/96	09/16/97